

# FIRE PREVENTION AND SAFETY IN THE HOME

CW2 BILL GUNNETT

COMMON  
SENSE !!

# FIRE PREVENTION AND SAFETY IN THE HOME

## FIRE BASICS

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- ▢ HEAT
- ▢ FUEL
- ▢ OXYGEN

REMOVE THE FUEL, CUT OFF THE OXYGEN SUPPLY,  
OR COOL THE TEMPERATURE OF THE FIRE.

# FIRE PREVENTION AND SAFETY IN THE HOME

## HOW FIRE KILLS

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- ▢ SUFFOCATION
- ▢ SMOKE AND POISONOUS GASES
  - 4 COMMON
- ▢ HEAT

# FIRE PREVENTION AND SAFETY IN THE HOME

## SMOKE DETECTORS

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- ▮ THE FIRST LINE OF DEFENSE
- ▮ ON EVERY LEVEL OF YOUR HOME, INCLUDING THE BASEMENT
- ▮ OUTSIDE OF EACH SLEEPING AREA

# FIRE PREVENTION AND SAFETY IN THE HOME

## TYPES OF SMOKE DETECTORS

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- ▢ BATTERY POWERED
- ▢ HOUSEHOLD ELECTRIC POWERED
- ▢ IONIZATION SENSOR
- ▢ PHOTO-ELECTRIC SENSOR

UL TESTED

# FIRE PREVENTION AND SAFETY IN THE HOME

## INSTALLATION

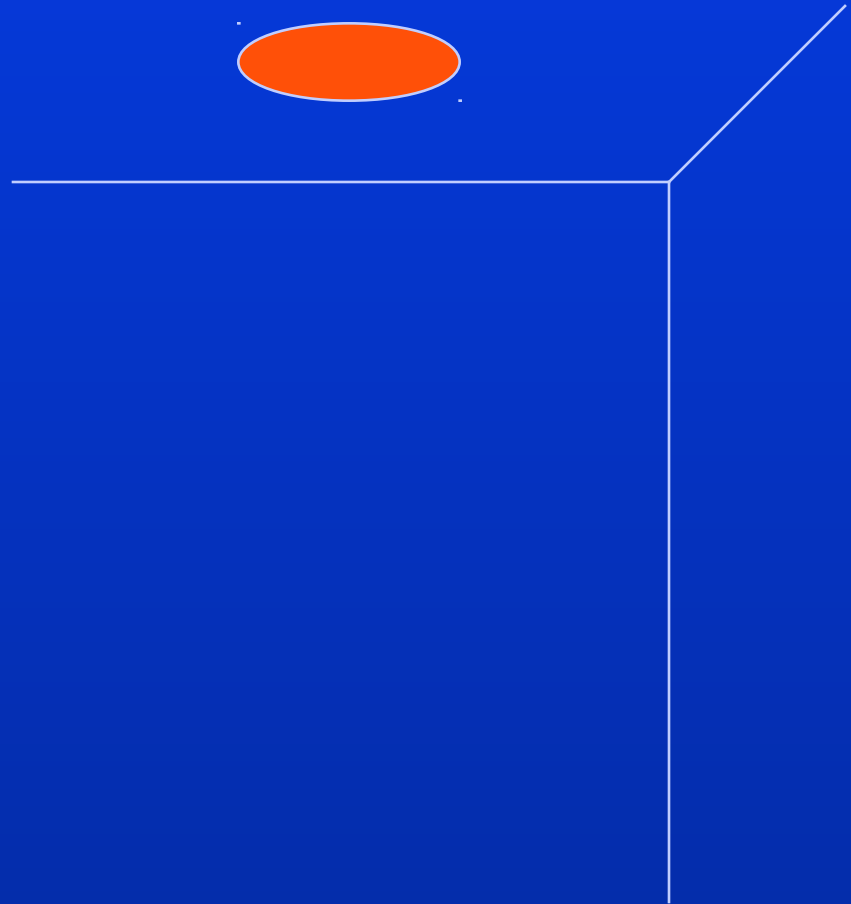
- WALL MOUNTED
- 4 TO 12 INCHES FROM THE CEILING



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## INSTALLATION

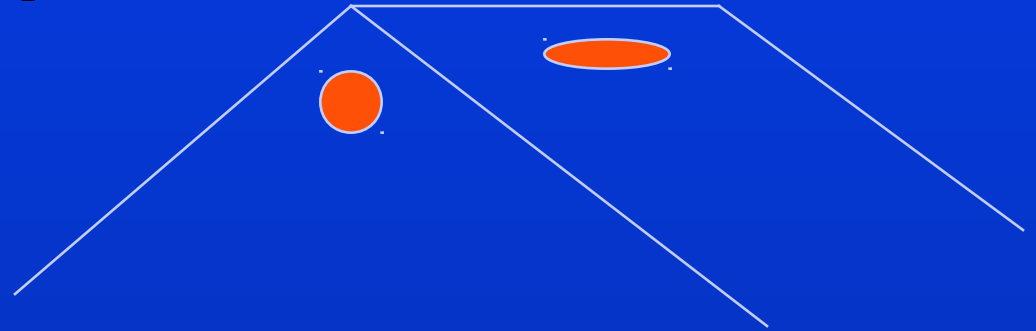
- CEILING MOUNTED
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# FIRE PREVENTION AND SAFETY IN THE HOME

## INSTALLATION

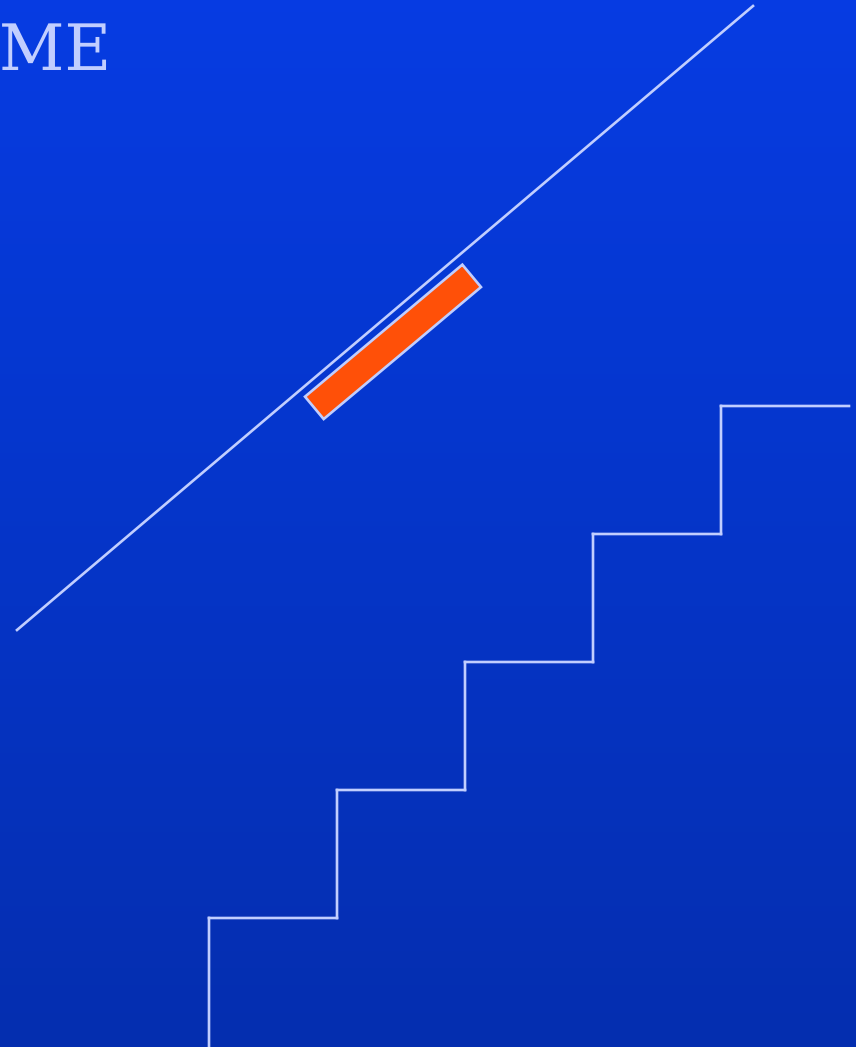


- PITCHED CEILING MOUNTED
- AT OR NEAR THE HIGHEST POINT

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## INSTALLATION

- ▮ STAIR MOUNTED
- ▮ MOUNTED
- ▮ IN THE PATH OF AIR FLOW UP THE STAIRS



AT THE BOTTOM IF THERE IS A DOOR AT THE TOP

# FIRE PREVENTION AND SAFETY IN THE HOME

## INSTALLATION DON'TS

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- ▮ NEAR A WINDOW
- ▮ DOOR
- ▮ AIR VENTS
- ▮ FIREPLACE
- ▮ KITCHENS
- ▮ BATHROOMS
- ▮ ATTICS
- ▮ GARAGES

# FIRE PREVENTION AND SAFETY IN THE HOME

## MAINTENANCE

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- ▮ BATTERIES
- ▮ TESTING
- ▮ CLEANING
- ▮ REPLACEMENT



# FIRE PREVENTION AND SAFETY IN THE HOME

## EDITH

~~EXIT DRILLS IN THE HOME~~

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### DRAW A FLOOR PLAN OF YOUR HOME

- ▮ BE THOROUGH
- ▮ 2 ROUTES, PRIMARY AND ALTERNATE
- ▮ SECOND STORY ROUTES
- ▮ REVISE THE PLAN

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~~EXIT DRILLS IN THE HOME~~

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### KEEP ESCAPE ROUTES CLEAR

- ▢ WINDOWS OPEN EASILY
- ▢ OBSTACLES
- ▢ ROOFS, BALCONIES, ESCAPE LADDERS
- ▢ SECURITY BARS

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~~EXIT DRILLS IN THE HOME~~

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### MEETING PLACE

- ONE LOCATION
- IN FRONT OF THE HOUSE

## GET OUT AND STAY OUT!!!



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~~EXIT DRILLS IN THE HOME~~

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### CONTACT THE FIRE DEPARTMENT

- ▢ 911 OR 7 DIGIT NUMBER?
- ▢ IDENTIFY YOUR HOME

SEND ONE PERSON TO CALL AFTER  
YOU GATHER AT THE MEETING PLACE

# FIRE PREVENTION AND SAFETY IN THE HOME

## EDITH

~~EXIT DRILLS IN THE HOME~~

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## CHILDREN

- ▮ NO WHERE TO HIDE
- ▮ DON'T WAIT

# FIRE PREVENTION AND SAFETY IN THE HOME

## EDITH

~~EXIT DRILLS IN THE HOME~~

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### EXIT DRILLS EVERY 6 MONTHS

- ▢ PRACTICE
- ▢ UNANNOUNCED
- ▢ REALISTIC
  - ▢ AT NIGHT
  - ▢ NO LIGHTS

# FIRE PREVENTION AND SAFETY IN THE HOME

## SURVIVAL TIPS

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- ▣ THE SOUND OF THE SMOKE ALARM
- ▣ BEDROOM DOORS CLOSED
- ▣ TEST DOORS
- ▣ USE WINDOWS
- ▣ CRAWL UNDER SMOKE
- ▣ STOP, DROP, AND ROLL
- ▣ SPECIAL CONSIDERATIONS

# FIRE PREVENTION AND SAFETY IN THE HOME

## MAJOR HOME FIRE HAZARDS

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- ▮ COOKING
- ▮ SMOKING
- ▮ HEATING APPLIANCES
- ▮ ARSON
- ▮ ELECTRICAL SYSTEMS AND EQUIPMENT
- ▮ OPEN FLAMES
- ▮ FLAMMABLE AND COMBUSTIBLE LIQUIDS
- ▮ PLAYING WITH FIRE

# FIRE PREVENTION AND SAFETY IN THE HOME

## COOKING

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- ▮ LEADING CAUSE OF HOME FIRES
- ▮ STOVE BURNERS, OVENS, MICROWAVES
- ▮ COUNTERTOP APPLIANCES
  - ⚡ TOASTERS, COFFEE MAKERS, HOT PLATES
  - ▮ DON'T OVER LOAD OUTLETS
- ▮ 40% OF FATAL COOKING FIRES OCCUR WHEN THE VICTIMS ARE ASLEEP

# FIRE PREVENTION AND SAFETY IN THE HOME

## COOKING

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- ▮ GREASE FIRES
  - ▮ COVER PAN WITH A LID
  - ▮ TURN OFF THE BURNER
  - ▮ NEVER POUR WATER ON A GREASE FIRE

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## COOKING

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### ▮ OVEN FIRES

- ▮ CLOSE THE DOOR
- ▮ TURN OFF THE OVEN

### ▮ MICROWAVES

- ▮ CLOSE THE DOOR
- ▮ TURN IT OFF



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## COOKING

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**TURN POT HANDLES IN !!!!!!!**

**POTS CAN'T BE KNOCKED OVER OR PULLED  
DOWN BY SMALL CHILDREN**

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## COOKING

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- ▮ DON'T LEAVE COOKING UNATTENDED
- ▮ KEEP APPLIANCES CLEAN
- ▮ WEAR CLOSE FITTING SLEEVES
- ▮ KEEP FLAMMABLE OBJECTS AWAY
- ▮ HEAT OIL SLOWLY
- ▮ KEEP CHILDREN AWAY FROM STOVE

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## COOKING

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- ▮ FIRE EXTINGUISHERS
- ▮ EFFECTIVE FOR SMALL, CONTAINED FIRES
- ▮ KNOW HOW TO USE IT
- ▮ KEEP IN AN ACCESSIBLE PLACE
- ▮ HAVE THE RIGHT TYPE (B-C)

# FIRE PREVENTION AND SAFETY IN THE HOME

## COOKING

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- + FIRST AID FOR BURNS
  - RUN COOL WATER FOR 10 TO 15 MINUTES
  - DON'T APPLY BUTTER OR OTHER GREASES

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## SMOKING

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- ▮ ITS BAD FOR YOU, ASK THE SURGEON GENERAL
- ▮ LEADING CAUSE OF FIRES THAT RESULT IN DEATH
- ▮ USE AND EMPTY ASHTRAYS
- ▮ CHECK FOR SMOLDERING BUTTS  
(AFTER PARTIES)
- ▮ DON'T SMOKE IN BED

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## HEATING APPLIANCES

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- ▮ SPACE HEATERS
- ▮ UL LABEL
- ▮ USE PROPER FUEL
- ▮ GIVE SPACE HEATERS SPACE
  - 3 FEET FROM COMBUSTIBLE MATERIALS AND WALLS
- ▮ CARBON MONOXIDE DETECTORS

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## HEATING APPLIANCES

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- ❑ FIRE PLACES
- ❑ CREOSOTE
- ❑ CHIMNEY CLEANED AND INSPECTED AT LEAST ONCE A YEAR
- ❑ MAKE SMALL FIRES
- ❑ USE A FIREPLACE SCREEN
- ❑ DON'T BURN TRASH OR PAPER
- ❑ DON'T USE THE "BOYSCOUT" FIRE STARTER (GAS)

# FIRE PREVENTION AND SAFETY IN THE HOME

## ELECTRICAL SYSTEMS AND EQUIP

- ▮ GOOD WORKING ORDER
- ▮ ONLY FOR DESIGNED USE
- ▮ ONLY ONE HEAT PRODUCING DEVICE PER OUTLET
- ▮ EXTENSION CORDS
- ▮ PLASTIC CHILD PROTECTORS
- ▮ CRACKS, FRAYS BROKEN PLUGS, LOOSE CONNECTIONS
- ▮ LAMP SHADES



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## OPEN FLAMES

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- ▮ STABLE HOLDERS
- ▮ DON'T LEAVE UNATTENDED
- ▮ FLASH LIGHTS INSTEAD OF CANDLES

HOT WAX BURNS

# FIRE PREVENTION AND SAFETY IN THE HOME

## LIQUIDS

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- ▮ DON'T STORE GAS IN YOUR HOME
- ▮ OILY RAGS IN METAL CONTAINER
- ▮ NO SMOKING OR OPEN FLAMES
- ▮ APPROVED CONTAINERS

# FIRE PREVENTION AND SAFETY IN THE HOME

## HOLIDAY SAFETY

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- \* CANDLES
- \* CHRISTMAS TREE
- LIGHTS (UL)